

CUSTOMER NO.: 24498
Attorney Docket No. PF040010
Date of Office Action: 07/21/2009

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Listing and Amendments to the Claims

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1. (Currently Amended) A method of discovery, by a discovering device connectable capable of connecting to a communication network, the network having of the other connected devices connected to this network, wherein it comprises the following steps comprising the steps of:

[-] connection of connecting the discovering device to the said network, wherein the discovering device is configured to communicate with other devices connected to the network via a communications protocol that is different from a protocol used by the network;

[-] despathering upon connection of the discovering device, dispatching, by the discovering device, an announcement message containing autodescription information describing the discovering device destined for all the other connected devices connected to network ;

[-] despathering upon connection of the discovering device, dispatching, by the discovering device, of an autodescription information request message to all the other connected devices connected to this network;

[-] reception receiving, by the discovering device, of a response message from each of the other connected devices of the network containing the autodescription information of this other second device of the connected devices and sent in response to the autodescription information request message.

2. (Previously presented) Method according to Claim 1, wherein the request message and the announcement message are merged.

3. (Previously presented) Method according to Claim 1, wherein the autodescription information describing a device contains the address on the network of the device.

4. (Previously presented) Method according to Claim 1, wherein the autodescription information describing a device contains a unique global identifier, different from the address, identifying the device on the network.

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5. (Previously presented) Method according to Claim 1, wherein the autodescription information describing a device contains the characteristics of a software module making it possible to control this device.

6. (Currently amended) Method according to Claim 1, wherein the announcement message is despatched dispatched by broadcasting over the network.

7. (Currently amended) Method according to Claim 1, wherein the announcement message is despatched dispatched by multicasting on a predefined multicasting address to which the other devices must have subscribed.

8. (Currently amended) A discovering device connectable to a network, comprising:

~~wherein it possesses means for dispatching despatching upon connection, an announcement message, the announcement message containing autodescription information describing it~~the discovering device, to all the other connected devices in the network; ;

means for dispatching despatching upon connection, a message for requesting autodescription information to all the other connected devices in the network; and

means for receiving the response messages containing information describing each of the other connected devices of the network sent in response to the autodescription information request.

9. (Previously presented) Device according to Claim 8, wherein the autodescription information describing a device contains the address on the network of the device.

10. (Previously presented) Device according to Claim 8, wherein the device comprises means making it possible to generate a unique global identifier, different from the address of the device, on the network.

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11. (Previously presented) Device according to Claim 8, wherein the autodescription information describing a device contains the characteristics of a software module making it possible to control this device.

12. (Currently amended) Device according to Claims 8, wherein the device comprises means for dispatching despatching the announcement message by broadcasting over the network.

13. (Currently amended) Device according to Claim 8 which comprises means for dispatching despatching the announcement message by multicasting on a predefined multicasting address to which the other devices must have subscribed.